

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	67	(chriss near2 yoder).xa.	USPAT	OR	ON	2008/04/22 13:36
L6	112	(359/646).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L7	553	(359/676).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L8	289	(359/691).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L9	208	(359/692).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L10	148	(359/722).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L11	137	(359/723).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L12	311	(359/738).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L13	305	(359/739).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L14	519	(359/740).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L15	105	(359/745).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L16	90	(359/748).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L17	266	(359/793).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L18	128	(359/795).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L19	654	(359/885).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L20	318	(359/888).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L21	435	(359/889).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L22	157	(359/676).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L23	5	(359/646).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L24	59	(359/691).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L25	47	(359/692).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36

L26	19	(359/722).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L27	3	(359/723).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L28	87	(359/738).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L29	42	(359/739).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L30	35	(359/740).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L31	14	(359/745).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L32	3	(359/748).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L33	50	(359/793).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L34	12	(359/795).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L35	139	(359/885).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L36	21	(359/888).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L37	15	(359/889).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L40	10	("4155629"   "4299452"   "4304466"   "4999007"   "5552937"   "5563739"   "5875060"   "6154322"). PN. OR ("6377404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:36
L41	20	("3944324"   "4009942"   "4461544"   "4493536"   "4697694"   "5202867"   "5648835"   "5659427"). PN. OR ("6339508").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:36
L43	9	("4437111"   "5534696"   "5781236").PN. OR ("5982423").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:36
L44	176470	"348".clas. or "396".clas. or "359".clas.	USPAT	OR	ON	2008/04/22 13:36
L45	226	L44 and ((aperture or stop or iris) near3 (funnel or cone))	USPAT	OR	ON	2008/04/22 13:36
L46	19	L44 and ((aperture or stop or iris) near3 (funnel or cone)) and zoom	USPAT	OR	ON	2008/04/22 13:36
L47	59667	"348".clas. or "396".clas. or "359".clas.	US-PGPUB	OR	ON	2008/04/22 13:36
L48	92	L47 and ((aperture or stop or iris) near3 (funnel or cone))	US-PGPUB	OR	ON	2008/04/22 13:36

L49	16	L47 and ((aperture or stop or iris) near3 (funnel or cone)) and zoom	US-PGPUB	OR	ON	2008/04/22 13:36
L50	108	(348/240.99).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L51	127	(348/240.3).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L52	468	(348/335).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L53	158	(348/342).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L54	176	(348/360).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L55	334	(348/362).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L56	200	(348/363).OCLS.	USPAT	OR	OFF	2008/04/22 13:36
L57	300	(348/362).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L58	73	(348/240.99).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L59	49	(348/240.3).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L60	403	(348/335).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L61	41	(348/342).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L62	91	(348/360).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L63	52	(348/363).OCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L64	73	(US-20040080655-\$ or US-20020060855-\$ or US-20020136150-\$ or US-20060001979-\$ or US-20070229983-\$ or US-20060056066-\$ or US-20020048090-\$ or US-20020122264-\$ or US-20030002172-\$ or US-20020044362-\$ or US-20020015238-\$ or US-20020021511-\$ or US-20070139792-\$ or US-20020159164-\$ or US-20070035852-\$ or US-20050128605-\$ or US-20050083587-\$ or US-20040218246-\$ or US-20020141076-\$ or US-20040021783-\$ or US-20020027721-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36

		20060274169-\$ or US-20060274168-\$ or US-20060170815-\$ or US-20040051960-\$ or US-20030214726-\$).did. or (US-20030103157-\$).did. or (US-7110020-\$ or US-7248293-\$ or US-5833341-\$ or US-5805274-\$ or US-5424802-\$ or US-4720637-\$ or US-6718132-\$ or US-6542316-\$ or US-6104432-\$ or US-6016228-\$ or US-5706051-\$ or US-5583697-\$ or US-4249798-\$ or US-5546228-\$ or US-5311355-\$ or US-6414800-\$ or US-6392817-\$ or US-6313955-\$ or US-5764425-\$ or US-5438455-\$ or US-4196967-\$ or US-7151570-\$ or US-7136230-\$ or US-6905462-\$ or US-6741760-\$ or US-6417973-\$).did. or (US-6178046-\$ or US-6124987-\$ or US-6088059-\$ or US-RE39911-\$ or US-6154322-\$ or US-6377404-\$ or US-6339508-\$ or US-6025961-\$ or US-6628463-\$ or US-6057971-\$ or US-5796528-\$ or US-6075658-\$ or US-5982423-\$ or US-5534696-\$ or US-5646788-\$ or US-5515208-\$ or US-5499142-\$ or US-5436767-\$ or US-5087988-\$ or US-5068679-\$ or US-3464764-\$ or US-2142297-\$ or US-5136326-\$ or US-5341275-\$ or US-7212242-\$).did.				
L65	6	L64 and watanabe.in. and funnel	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36
L66	12	L64 and turret	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36
L67	12	L64 and (aperture near3 plate)	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36
L68	67	"348".clas. and (aperture with turret)	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36

L70	9	("20030117723"   "20030193605"   "20030197953"   "20040012861"   "20040036983"   "20060056071"   "5940219"   "6297915"   "6449105").PN. OR ("7180685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:36
L71	4	("2004/0012861").URPN.	USPAT	OR	ON	2008/04/22 13:36
L72	33	("20030142268"   "20040114102"   "20040114103"   "20040145808"   "20040230299"   "3549240"   "4955904"   "5225858"   "5245387"   "5260727"   "5302477"   "5662706"   "5715031"   "5748371"   "5757458"   "5768031"   "5788883"   "5905561"   "5965330"   "5980040"   "6024447"   "6069738"   "6097858"   "6172957"   "6451058"   "6474814"   "6527389"   "6533418"   "6537317"   "6554424"   "6554859"   "6576012").PN. OR ("7061693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:36
L73	95	(US-20040080655-\$ or US- 20020060855-\$ or US- 20020136150-\$ or US- 20060001979-\$ or US- 20070229983-\$ or US- 20060056066-\$ or US- 20020048090-\$ or US- 20020122264-\$ or US- 20030002172-\$ or US- 20020044362-\$ or US- 20020015238-\$ or US- 20020021511-\$ or US- 20070139792-\$ or US- 20020159164-\$ or US- 20070035852-\$ or US- 20050128605-\$ or US- 20050083587-\$ or US- 20040218246-\$ or US- 20020141076-\$ or US- 20040021783-\$ or US- 20020027721-\$ or US- 20060274169-\$ or US- 20060274168-\$ or US- 20060170815-\$ or US- 20040051960-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36

		20030214726-\$).did. or (US-20030103157-\$ or US- 20020196348-\$ or US- 20040095505-\$ or US- 20020196359-\$ or US- 20060044458-\$ or US- 20040036983-\$ or US- 20040012861-\$ or US- 20030193605-\$).did. or (US-7110020-\$ or US- 7248293-\$ or US-5833341- \$ or US-5805274-\$ or US- 5424802-\$ or US-4720637- \$ or US-6718132-\$ or US- 6542316-\$ or US-6104432- \$ or US-6016228-\$ or US- 5706051-\$ or US-5583697- \$ or US-4249798-\$ or US- 5546228-\$ or US-5311355- \$ or US-6414800-\$ or US- 6392817-\$ or US-6313955- \$ or US-5764425-\$ or US- 5438455-\$ or US-4196967- \$ or US-7151570-\$ or US- 7136230-\$ or US-6905462- \$ or US-6741760-\$ or US- 6417973-\$).did. or (US- 6178046-\$ or US-6124987- \$ or US-6088059-\$ or US- RE39911-\$ or US-6154322- \$ or US-6377404-\$ or US- 6339508-\$ or US-6025961- \$ or US-6628463-\$ or US- 6057971-\$ or US-5796528- \$ or US-6075658-\$ or US- 5982423-\$ or US-5534696- \$ or US-5646788-\$ or US- 5515208-\$ or US-5499142- \$ or US-5436767-\$ or US- 5087988-\$ or US-5068679- \$ or US-3464764-\$ or US- 2142297-\$ or US-5136326- \$ or US-5341275-\$ or US- 7212242-\$ or US-5541779- \$ or US-4906081-\$).did. or (US-6086267-\$ or US- 6833864-\$ or US-7292280- \$ or US-6903774-\$ or US- 7180685-\$ or US-6297915- \$ or US-7061693-\$ or US- RE38799-\$ or US-6560040- \$ or US-6341901-\$ or US- 7209163-\$ or US-7075578- \$ or US-7039307-\$ or US- 6952291-\$).did.				
L74	44	L73 and shutter	US-PGPUB; USPAT	OR	ON	2008/04/22 13:36

L76	12	("5619380"   "5677798"   "6181477").PN. OR ("6449105").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/22 13:36
L78	44	(396/357).CCLS.	USPAT	OR	OFF	2008/04/22 13:36
L79	1	(396/357).CCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L80	2	(396/355).CCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L81	118	(396/355).CCLS.	USPAT	OR	OFF	2008/04/22 13:36
L82	5	(396/462).CCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L83	7	(396/451).CCLS.	US-PGPUB	OR	OFF	2008/04/22 13:36
L84	87	(396/462).CCLS.	USPAT	OR	OFF	2008/04/22 13:36
L85	31	(396/451).CCLS.	USPAT	OR	OFF	2008/04/22 13:36
L86	46	((MASAHITO) near2 (WATANABE)).INV.	USPAT	OR	ON	2008/04/22 15:13
L87	67	((SHINICHI) near2 (MIHARA)).INV.	USPAT	OR	ON	2008/04/22 15:14
L88	4	((AZUSA) near2 (NOGUCHI)).INV.	USPAT	OR	ON	2008/04/22 15:14
L89	10	((TORU) near2 (MIYAJIMA)).INV.	USPAT	OR	ON	2008/04/22 15:14
L90	33	((YUJI) near2 (MIYAUCHI)).INV.	USPAT	OR	ON	2008/04/22 15:14
L91	52	((MASAHITO) near2 (WATANABE)).INV.	US-PGPUB	OR	ON	2008/04/22 15:14
L92	52	((SHINICHI) near2 (MIHARA)).INV.	US-PGPUB	OR	ON	2008/04/22 15:14
L93	6	((AZUSA) near2 (NOGUCHI)).INV.	US-PGPUB	OR	ON	2008/04/22 15:14
L94	13	((TORU) near2 (MIYAJIMA)).INV.	US-PGPUB	OR	ON	2008/04/22 15:15
L95	24	((YUJI) near2 (MIYAUCHI)).INV.	US-PGPUB	OR	ON	2008/04/22 15:15
L96	206	((MASAHITO) near2 (WATANABE)).INV.	EPO; JPO; DERWENT	OR	ON	2008/04/22 15:15
L97	231	((SHINICHI) near2 (MIHARA)).INV.	EPO; JPO; DERWENT	OR	ON	2008/04/22 15:15
L98	22	((AZUSA) near2 (NOGUCHI)).INV.	EPO; JPO; DERWENT	OR	ON	2008/04/22 15:15
L99	145	((TORU) near2 (MIYAJIMA)).INV.	EPO; JPO; DERWENT	OR	ON	2008/04/22 15:15

L100	84	((YUJI) near2 (MIYAUCHI)). INV.	EPO; JPO; DERWENT	OR	ON	2008/04/22 15:15
S1	1	("20040080655"). PN.	US-PGPUB; USPAT	OR	OFF	2007/12/03 16:18
S2	60	(chriss near2 yoder). xa.	USPAT	OR	ON	2007/12/03 18:20
S3	18	("20020060855"   "20030202258"   "4114171"   "4249798"   "5305148"   "5448319"   "5583697"   "5706051"   "6016228"   "6104432"   "6104432"   "6104537"   "6498624"   "6538699"   "6542316"   "6718132"   "6829011"   "6850279"   "6970201"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/03 18:55
S4	15	("20020060855"   "20020136150"   "20030202257"   "20030202258"   "4249798"   "5305148"   "5448319"   "5583697"   "6016228"   "6104432"   "6104537"   "6185048"   "6542316"   "6829011"   "6850279"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/03 18:22
S5	11	("4614415"   "4720637"   "5140428"   "5424802"   "5457491"   "5805274"   "5833341"   "6091445"   "6219092"   "6222650"   "6366708"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/03 18:21
S6	112	(359/646). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S7	539	(359/676). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S8	283	(359/691). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S9	206	(359/692). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S10	144	(359/722). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S11	137	(359/723). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S12	300	(359/738). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S13	301	(359/739). CCLS.	USPAT	OR	OFF	2007/12/03 21:55
S14	512	(359/740). CCLS.	USPAT	OR	OFF	2007/12/03 21:55



S15	105	(359/745).OCLS.	USPAT	OR	OFF	2007/12/03 21:55
S16	90	(359/748).OCLS.	USPAT	OR	OFF	2007/12/03 19:00
S17	260	(359/793).OCLS.	USPAT	OR	OFF	2007/12/03 21:55
S18	127	(359/795).OCLS.	USPAT	OR	OFF	2007/12/03 21:56
S19	648	(359/885).OCLS.	USPAT	OR	OFF	2007/12/03 21:56
S20	318	(359/888).OCLS.	USPAT	OR	OFF	2007/12/03 21:56
S21	434	(359/889).OCLS.	USPAT	OR	OFF	2007/12/03 21:56
S22	148	(359/676).OCLS.	US-PGPUB	OR	OFF	2007/12/03 21:56
S23	5	(359/646).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S24	57	(359/691).OCLS.	US-PGPUB	OR	OFF	2007/12/03 19:00
S25	44	(359/692).OCLS.	US-PGPUB	OR	OFF	2007/12/03 19:00
S26	18	(359/722).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S27	2	(359/723).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S28	84	(359/738).OCLS.	US-PGPUB	OR	OFF	2007/12/03 19:00
S29	40	(359/739).OCLS.	US-PGPUB	OR	OFF	2007/12/03 19:00
S30	35	(359/740).OCLS.	US-PGPUB	OR	OFF	2007/12/03 19:00
S31	14	(359/745).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S32	3	(359/748).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S33	48	(359/793).OCLS.	US-PGPUB	OR	OFF	2007/12/03 19:00
S34	11	(359/795).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S35	123	(359/885).OCLS.	US-PGPUB	OR	OFF	2007/12/03 21:56
S36	21	(359/888).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59
S37	14	(359/889).OCLS.	US-PGPUB	OR	OFF	2007/12/03 18:59

S38	2	"US 20040021783"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/12/04 17:23
S39	15	("20020027721"   "5668668"   "5721642"   "5798871"   "6088059"   "6088169"   "6124987"   "6178046"   "6229655"   "6308011"   "6417973"   "6741760"   "6905462"   "7136230"   "7151570"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/04 17:23
S40	10	("4155629"   "4299452"   "4304466"   "4999007"   "5552937"   "5563739"   "5875060"   "6154322"). PN. OR ("6377404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/04 23:07
S41	20	("3944324"   "4009942"   "4461544"   "4493536"   "4697694"   "5202867"   "5648835"   "5659427"). PN. OR ("6339508").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 13:37
S42	1	("5982423").PN.	USPAT	OR	OFF	2007/12/05 13:37
S43	9	("4437111"   "5534696"   "5781236").PN. OR ("5982423").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/05 16:44
S46	174069	"348".clas. or "396".clas. or "359".clas.	USPAT	OR	ON	2007/12/05 21:46
S48	222	S46 and ((aperture or stop or iris) near3 (funnel or cone))	USPAT	OR	ON	2007/12/05 21:46
S49	19	S46 and ((aperture or stop or iris) near3 (funnel or cone)) and zoom	USPAT	OR	ON	2007/12/05 21:40
S50	55253	"348".clas. or "396".clas. or "359".clas.	US-PGPUB	OR	ON	2007/12/05 21:46
S51	86	S50 and ((aperture or stop or iris) near3 (funnel or cone))	US-PGPUB	OR	ON	2007/12/05 21:46
S52	15	S50 and ((aperture or stop or iris) near3 (funnel or cone)) and zoom	US-PGPUB	OR	ON	2007/12/06 09:48
S53	101	(348/240.99).CCLS.	USPAT	OR	OFF	2007/12/06 13:07
S54	123	(348/240.3).CCLS.	USPAT	OR	OFF	2007/12/06 13:07
S55	454	(348/335).CCLS.	USPAT	OR	OFF	2007/12/06 13:08
S56	155	(348/342).CCLS.	USPAT	OR	OFF	2007/12/06 13:08

S57	172	(348/360).OCLS.	USPAT	OR	OFF	2007/12/06 13:08
S58	324	(348/362).OCLS.	USPAT	OR	OFF	2007/12/06 13:08
S59	199	(348/363).OCLS.	USPAT	OR	OFF	2007/12/06 13:08
S60	292	(348/362).OCLS.	US-PGPUB	OR	OFF	2007/12/06 13:08
S61	66	(348/240.99).OCLS.	US-PGPUB	OR	OFF	2007/12/06 13:09
S62	47	(348/240.3).OCLS.	US-PGPUB	OR	OFF	2007/12/06 13:09
S63	383	(348/335).OCLS.	US-PGPUB	OR	OFF	2007/12/06 13:09
S64	40	(348/342).OCLS.	US-PGPUB	OR	OFF	2007/12/06 13:09
S65	87	(348/360).OCLS.	US-PGPUB	OR	OFF	2007/12/06 13:09
S66	43	(348/363).OCLS.	US-PGPUB	OR	OFF	2007/12/10 13:55
S67	78	(US-20040080655-\$ or US-20020060855-\$ or US-20020136150-\$ or US-20060001979-\$ or US-20070229983-\$ or US-20060056066-\$ or US-20020048090-\$ or US-20020122264-\$ or US-20030002172-\$ or US-20020044362-\$ or US-20020015238-\$ or US-20020021511-\$ or US-20070139792-\$ or US-20020159164-\$ or US-20070035852-\$ or US-20050128605-\$ or US-20050083587-\$ or US-20040218246-\$ or US-20020141076-\$ or US-20040021783-\$ or US-20020027721-\$ or US-20060274169-\$ or US-20060274168-\$ or US-20060170815-\$ or US-20040051960-\$ or US-20030214726-\$).did. or (US-20030103157-\$).did. or (US-7110020-\$ or US-7248293-\$ or US-5833341-\$ or US-5805274-\$ or US-5424802-\$ or US-4720637-\$ or US-6718132-\$ or US-6542316-\$ or US-6104432-	US-PGPUB; USPAT	OR	ON	2007/12/06 09:55

		\$ or US-6016228-\$ or US-5706051-\$ or US-5583697-\$ or US-4249798-\$ or US-5546228-\$ or US-5311355-\$ or US-6414800-\$ or US-6392817-\$ or US-6313955-\$ or US-5764425-\$ or US-5438455-\$ or US-4196967-\$ or US-7151570-\$ or US-7136230-\$ or US-6905462-\$ or US-6741760-\$ or US-6417973-\$.did. or (US-6178046-\$ or US-6124987-\$ or US-6088059-\$ or US-RE39911-\$ or US-6154322-\$ or US-6377404-\$ or US-6339508-\$ or US-6025961-\$ or US-6628463-\$ or US-6057971-\$ or US-5796528-\$ or US-6075658-\$ or US-5982423-\$ or US-5534696-\$ or US-5646788-\$ or US-5515208-\$ or US-5499142-\$ or US-5436767-\$ or US-5087988-\$ or US-5068679-\$ or US-3464764-\$ or US-2142297-\$ or US-5136326-\$ or US-5341275-\$ or US-7212242-\$.did.				
S69	6	S67 and watanabe.in. and funnel	US-PGPUB; USPAT	OR	ON	2007/12/06 12:20
S70	12	S67 and turret	US-PGPUB; USPAT	OR	ON	2007/12/06 12:22
S73	12	S67 and (aperture near3 plate)	US-PGPUB; USPAT	OR	ON	2007/12/06 12:20
S74	54	"348".clas. and (aperture with turret)	US-PGPUB; USPAT	OR	ON	2007/12/06 12:23
S75	62	(chriss and yoder).xa.	USPAT	OR	ON	2007/12/10 13:55
S76	9	("20030117723"   "20030193605"   "20030197953"   "20040012861"   "20040036983"   "20060056071"   "5940219"   "6297915"   "6449105").PN. OR ("7180685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 14:45
S77	3	("2004/0012861").URPN.	USPAT	OR	ON	2007/12/10 14:46

S78	33	("20030142268"   "20040114102"   "20040114103"   "20040145808"   "20040230299"   "3549240"   "4955904"   "5225858"   "5245387"   "5260727"   "5302477"   "5662706"   "5715031"   "5748371"   "5757458"   "5768031"   "5788883"   "5905561"   "5965330"   "5980040"   "6024447"   "6069738"   "6097858"   "6172957"   "6451058"   "6474814"   "6527389"   "6533418"   "6537317"   "6554424"   "6554859"   "6576012").PN. OR ("7061693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 14:50
S79	101	(US-20040080655-\$ or US- 20020060855-\$ or US- 20020136150-\$ or US- 20060001979-\$ or US- 20070229983-\$ or US- 20060056066-\$ or US- 20020048090-\$ or US- 20020122264-\$ or US- 20030002172-\$ or US- 20020044362-\$ or US- 20020015238-\$ or US- 20020021511-\$ or US- 20070139792-\$ or US- 20020159164-\$ or US- 20070035852-\$ or US- 20050128605-\$ or US- 20050083587-\$ or US- 20040218246-\$ or US- 20020141076-\$ or US- 20040021783-\$ or US- 20020027721-\$ or US- 20060274169-\$ or US- 20060274168-\$ or US- 20060170815-\$ or US- 20040051960-\$ or US- 20030214726-\$).did. or (US-20030103157-\$ or US- 20020196348-\$ or US- 20040095505-\$ or US- 20020196359-\$ or US- 20060044458-\$ or US- 20040036983-\$ or US- 20040012861-\$ or US- 20030193605-\$).did. or (US-7110020-\$ or US- 7248293-\$ or US-5833341- \$ or US-5805274-\$ or US-	US-PGPUB; USPAT	OR	ON	2007/12/12 18:32

		5424802-\$ or US-4720637-\$ or US-6718132-\$ or US-6542316-\$ or US-6104432-\$ or US-6016228-\$ or US-5706051-\$ or US-5583697-\$ or US-4249798-\$ or US-5546228-\$ or US-5311355-\$ or US-6414800-\$ or US-6392817-\$ or US-6313955-\$ or US-5764425-\$ or US-5438455-\$ or US-4196967-\$ or US-7151570-\$ or US-7136230-\$ or US-6905462-\$ or US-6741760-\$ or US-6417973-\$).did. or (US-6178046-\$ or US-6124987-\$ or US-6088059-\$ or US-RE39911-\$ or US-6154322-\$ or US-6377404-\$ or US-6339508-\$ or US-6025961-\$ or US-6628463-\$ or US-6057971-\$ or US-5796528-\$ or US-6075658-\$ or US-5982423-\$ or US-5534696-\$ or US-5646788-\$ or US-5515208-\$ or US-5499142-\$ or US-5436767-\$ or US-5087988-\$ or US-5068679-\$ or US-3464764-\$ or US-2142297-\$ or US-5136326-\$ or US-5341275-\$ or US-7212242-\$ or US-5541779-\$ or US-4906081-\$).did. or (US-6086267-\$ or US-6833864-\$ or US-7292280-\$ or US-6903774-\$ or US-7180685-\$ or US-6297915-\$ or US-7061693-\$ or US-RE38799-\$ or US-6560040-\$ or US-6341901-\$ or US-7209163-\$ or US-7075578-\$ or US-7039307-\$ or US-6952291-\$).did.				
S80	47	S79 and shutter	US-PGPUB; USPAT	OR	ON	2007/12/12 19:52
S81	1	("6449105").PN.	USPAT	OR	OFF	2007/12/12 19:52
S82	11	("5619380"   "5677798"   "6181477").PN. OR ("6449105").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/12 19:56
S83	1	("6055105").PN.	USPAT	OR	OFF	2007/12/12 20:46
S84	43	(396/357).OCLS.	USPAT	OR	OFF	2007/12/12 20:48

S85	1	(396/357).CCLS.	US-PGPUB	OR	OFF	2007/12/12 20:49
S86	2	(396/355).CCLS.	US-PGPUB	OR	OFF	2007/12/12 21:08
S87	116	(396/355).CCLS.	USPAT	OR	OFF	2007/12/12 20:49
S88	5	(396/462).CCLS.	US-PGPUB	OR	OFF	2007/12/12 21:09
S89	7	(396/451).CCLS.	US-PGPUB	OR	OFF	2007/12/12 21:09
S90	87	(396/462).CCLS.	USPAT	OR	OFF	2007/12/12 21:33
S91	30	(396/451).CCLS.	USPAT	OR	OFF	2007/12/12 21:09

4/ 22/ 08 5:10:00 PM

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